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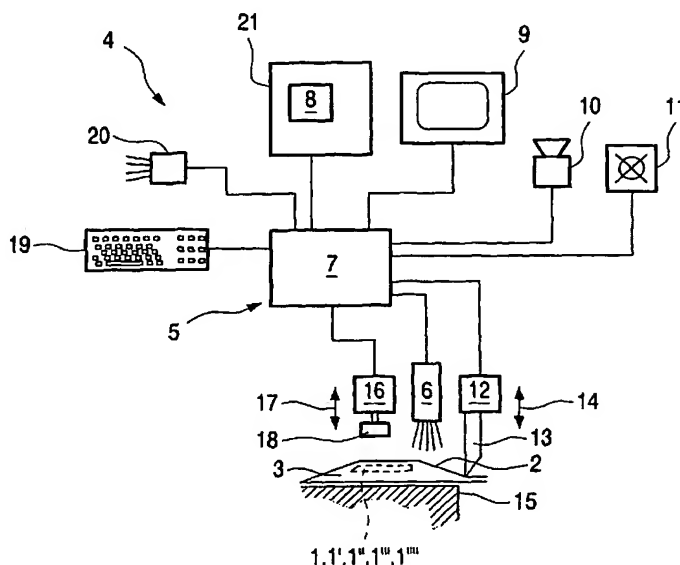
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[Continued on next page]

(54) Title: TEST SYSTEM FOR DETERMINING SUITABILITY OF CONSUMABLE ITEM



(57) Abstract: The present invention relates to an aptitude test system (4) which includes at least one object (1) which is provided with a data carrier (2) on which data associated with the object (1) is stored, as well as a test device (5) which includes a reading apparatus (6) whereby the data of the data carrier (2) can be transferred to a computer (7). The data includes aptitude data which characterizes at least one permissible application for the associated object (1). The computer (7) has access to current application data which characterizes a concrete application intended for the relevant object (1). For aptitude testing of the relevant object (1) the computer evaluates the aptitude data thereof and the actual application data. The computer (7) outputs a release signal when the object (1) is suitable for the intended application.

WO 2003/107290 A3



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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 989 917 A (MOERMAN PIET H C ET AL) 23 November 1999 (1999-11-23) .. column 1, line 44 - line 65 column 3, line 9 - line 14 column 3, line 30 - line 39 column 3, line 66 - column 4, line 43	1-11
X	US 5 489 414 A (KUHR HANS-JUERGEN ET AL) 6 February 1996 (1996-02-06) abstract column 1, line 11 - line 16 column 4, line 58 - column 5, line 12 ----- -/--	1-11



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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 295 506 B1 (OKKONEN HARRI ET AL) 25 September 2001 (2001-09-25) column 1, line 66 - column 2, line 28 column 2, line 59 - line 67 column 3, line 22 - line 28 column 4, line 18 - line 22 column 5, line 24 - line 31	1-11
X	CA 2 306 674 A (DEAN SHARRON) 26 October 2001 (2001-10-26) page 3, line 1 - line 6 page 3, line 14 - line 18 page 6, line 14 - line 24 page 7, line 16 - line 23 page 8, line 1 - line 8	1-11
X	US 5 126 935 A (SAITOU TAKESHI ET AL) 30 June 1992 (1992-06-30) abstract column 1, line 58 - column 2, line 16 column 7, line 61 - column 8, line 3	1-11
X	US 6 036 458 A (KADZIAUSKAS KENNETH E ET AL) 14 March 2000 (2000-03-14) abstract column 2, line 14 - line 25 column 4, line 16 - line 33 column 5, line 5 - line 20	1-11

INTERNATIONAL SEARCH REPORT

Int. Patent Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5989917	A	23-11-1999	AT 215402 T 15-04-2002
			AU 712812 B2 18-11-1999
			AU 2269397 A 02-09-1997
			CA 2245943 A1 21-08-1997
			DE 69711604 D1 08-05-2002
			DE 69711604 T2 13-02-2003
			DK 880407 T3 01-07-2002
			EP 1225448 A2 24-07-2002
			EP 0880407 A1 02-12-1998
			ES 2175351 T3 16-11-2002
			PT 880407 T 30-09-2002
			WO 9729847 A1 21-08-1997
US 5489414	A	06-02-1996	DE 4313252 A1 27-10-1994
			DE 4328816 A1 02-03-1995
			AT 186232 T 15-11-1999
			DE 59408870 D1 09-12-1999
			DE 59410066 D1 11-04-2002
			DK 622119 T3 10-04-2000
			EP 1130383 A1 05-09-2001
			EP 0622119 A1 02-11-1994
			EP 0622626 A2 02-11-1994
			ES 2139684 T3 16-02-2000
			JP 2594020 B2 26-03-1997
			JP 6308115 A 04-11-1994
			JP 2768899 B2 25-06-1998
			JP 6313765 A 08-11-1994
			US 5645798 A 08-07-1997
			US 5720924 A 24-02-1998
			US 5863800 A 26-01-1999
US 6295506	B1	25-09-2001	FI 974065 A 28-04-1999
			AU 9349498 A 17-05-1999
			EP 1029240 A1 23-08-2000
			WO 9922236 A1 06-05-1999
			JP 2001521171 T 06-11-2001
CA 2306674	A	26-10-2001	CA 2306674 A1 26-10-2001
US 5126935	A	30-06-1992	JP 2130698 A 18-05-1990
US 6036458	A	14-03-2000	EP 1019113 A1 19-07-2000
			JP 2003517322 T 27-05-2003
			WO 9917818 A1 15-04-1999